

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IFW 1742

Application No.: 10/801,129  
Applicant: Victor M. Saucedo  
Filed: March 15, 2004  
TC/ A.U.: 1742  
Examiner: Unknown  
Title: METHOD FOR CONTROLLING SLAG CHARACTERISTICS IN AN  
ELECTRIC ARC FURNACE  
Attorney Docket: Serie 6503  
Customer No.: 40582

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

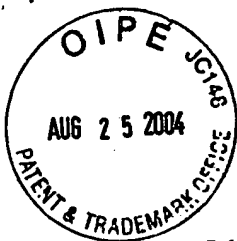
No fee is due at this time in accordance with 37 C.F.R. § 1.97. However, the Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 01-1375. This paper is submitted in duplicate. To assist the Examiner, the US patents are listed on the attached form PTO-1449, while the articles referenced are attached hereto. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

  
\_\_\_\_\_  
Linda K. Russell

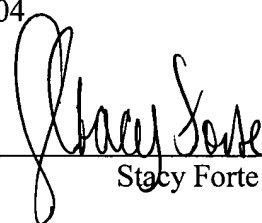
Registration No. 34,918

Date: August 23, 2004  
Air Liquide  
Intellectual Property Department  
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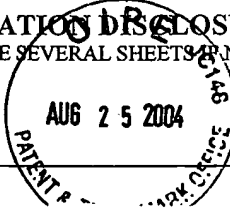


CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450, on this 23<sup>rd</sup> day of August, 2004

  
Stacy Forte

<b>INFORMATION DISCLOSURE CITATION</b> (USE SEVERAL SHEETS IF NECESSARY)				ATTY. DOCKET NO. Serie 6503		SERIAL NO. 10/801,129	
				APPLICANT(S) Victor M. Saucedo			
				FILING DATE March 15, 2004		GROUP 1742	



U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A1	5,099,438	3-24-92	Gulden, Jr. et al.			
	A2	2002 / 0040623 A1	4-11-02	Stendera, et al.			

FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	B1		Jones, J. "Interactions Between Electric Arc Furnace Operations and Environmental Concerns," IRON AND STEEL ENGINEER, p 37-45, April 1995
	B2		Pretorius, E.B., and Carlisle, R.C., "Foamy Slag Fundamentals and Their Practical Application to Electric Furnace Steelmaking," ELECTRIC FURNACE CONFERENCE PROCEEDINGS, p. 275-291, 1998
	B3		Zhu, M., Jones, T., and Sichen, D., "Modeling Study of Slag Foaming by Chemical Reaction," SCANDINAVIAN JOURNAL OF METALLURGY, Vol. 30, p. 51-56, 2001
	B4		Ito, K., and Fruehan, R.J., "Slag Foaming in Electric Furnace Steelmaking," TRANSACTIONS OF ISS, I&SM, p. 55-60, 1989

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	